

V. *List of the Foraminifera from the Boat-channel, Flying Fish Cove, Christmas Island, 11 fathoms.* By F. C. CHAPMAN, A.L.S., F.R.M.S.

1. *Biloculina ringens* (Lamarck). Very rare.
2. *Spiroloculina fragilissima* Brady. Very rare.
3. *Miliolina oblonga* (Montagu). Very rare.
4. „ *seminulum* (L.) Frequent; small.
5. „ *aubेरiana* (d'Orb). Rare; rather small.
6. „ *parkeri* Brady. Very rare.
7. „ *bicornis* (Walker & Jacob). Very rare.
8. „ *rupertiana* Brady. Frequent; very fine.
9. „ *insignis* Brady. Very rare.
10. *Hauerinu ornatusissima* (Karrer). Rare.
11. *Orbitolites complanata* Lamarck. Frequent.
12. „ *marginalis* (Lam.). Very rare.
13. „ *duplex* Carpenter. Rare.
14. *Textularia rugosa* (Reuss). Rare.
15. *Bolivina limbata* Brady. Very common.
16. *Spirillina limbata* Brady. Rare.
17. *Truncatulina rostrata* Brady. Common.
18. „ *ungariana* (d'Orb.). Very rare; small.
19. *Pulvinulina repanda* (Fichtel & Moll). Common.
20. *Calcarina hispida* Brady. Very rare.
21. *Gypsina vesicularis* (Parker & Jones). Rare.
22. *Polytrema miniaceum* (Pallas). Common.
23. *Polystomella macella* (Fichtel & Moll). Rare.
24. *Heterostegina depressa* d'Orb. Common.

VI. EXPLANATION OF THE PLATES.

PLATE XII.—Sponges from Christmas Island.

- Fig. 1. *Tethya affinis* (p. 133), nat. size.
 2. *Pseudosuberites andrewsi* (p. 135), nat. size. 2 *a*, oscule, $\times 30$; 2 *b*, section, $\times 30$.
 3. *Microciconia dubia* (p. 136), nat. size. 3 *a*, section, $\times 40$.
 4. *Stylotella irregularis* (p. 137), nat. size.
 5. *Rhizochalina sessilis* (p. 138), nat. size.
 6. *Reniera innominata* (p. 138), nat. size. 6 *a*, section, $\times 30$.
 7. *Petrosia exigua* (p. 139), nat. size.

PLATE XIII.—Sponges from Christmas Island.

- Fig. 1. *Iotrochota baculifera tumescens* (p. 136), strongyles $\times 300$.
 2. *Microciconia dubia* (p. 136); *a-d* $\times 300$; *e-f* $\times 1600$. *a*, thick subtylote; *b*, spined style; *c*, slender tylote; *d*, large toxon; *e*, palmate isochela, side view; *e'*, ditto, front view; *f*, short toxon.
 3. *Tethya affinis* (p. 133). *a*, strongyloxeum, $\times 80$; *b*, spheraster, $\times 400$; *c*, somal chiaster, $\times 400$; *d*, dermal chiaster, $\times 400$.
 4. *Petrosia exigua* (p. 139), oxeum, $\times 300$.
 5. *Reniera innominata* (p. 138). *a*, strongyle, $\times 300$; *b*, oxeum $\times 300$.
 6. *Stylotella irregularis* (p. 137); *a-d*, $\times 300$. *a*, oxeum; *b*, style; *c*, strongyle; *d*, slender oxeum.
 7. *Pseudosuberites andrewsi* (p. 135); tylote, $\times 300$.
 8. *Rhizochalina sessilis* (p. 138), oxeum, $\times 150$.